

BONE PRECURSOR COMPOSITIONS

ABSTRACT OF THE DISCLOSURE

Bone precursor compositions, methods of preparation and use are described.

Bone precursor compositions include a calcium cement which is suitable for injection,
5 wherein the calcium cement includes monobasic calcium phosphate monohydrate and
beta-tricalcium phosphate. The bone precursor compositions can further include
biopolymer foams, collagen, extracellular matrix components, therapeutic agents, or
biopolymer fibers. The bone precursor compositions can also include or be
conditioned with cells, such as connective tissue cells, preferably bone tissue cells.